

# Work Order ID 74729

Wednesday, October 05, 2011 2:33:50 PM



Page 1

|                |                      |            |       |       |       |  |
|----------------|----------------------|------------|-------|-------|-------|--|
| Item ID:       | D3384-043            | Accept     |       | Setup | Start |  |
| Revision ID:   |                      |            |       |       |       |  |
| Item Name:     | Cyclic Sock Assembly |            |       |       | Stop  |  |
| Start Date:    | 10/5/2011            | Start Qty: | 10.00 |       |       |  |
| Required Date: | 10/14/2011           | Req'd Qty: | 10.00 |       |       |  |
| Reference:     |                      |            |       |       |       |  |
|                |                      |            |       |       |       |  |

|            |               |       |         |            |       |     |       |  |
|------------|---------------|-------|---------|------------|-------|-----|-------|--|
| Approvals: | Process Plan: | Date: | 11-10-5 | Tooling:   | Date: | Run | Start |  |
|            | QC:           | Date: |         | SPC (Y/N): | Date: |     | Stop  |  |

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| D2690    | B            |
| D3384    | Rev B        |

|           |                                  |      |  |  |  |  |  |  |  |
|-----------|----------------------------------|------|--|--|--|--|--|--|--|
| 100       |                                  | 0.00 |  |  |  |  |  |  |  |
|           | Small Fab                        |      |  |  |  |  |  |  |  |
| Small Fab |                                  | 0.00 |  |  |  |  |  |  |  |
| Small Fab | Memo                             |      |  |  |  |  |  |  |  |
|           | 1- Cut cable as per dwg D2690    |      |  |  |  |  |  |  |  |
|           | 2- ASSEMBLE PER DRWG D3384 REV.B |      |  |  |  |  |  |  |  |

*Handwritten signature* 11/10/11 (6)

|                 |                                               |      |  |  |  |  |  |  |  |
|-----------------|-----------------------------------------------|------|--|--|--|--|--|--|--|
| 110             |                                               | 0.00 |  |  |  |  |  |  |  |
|                 | QC5- Inspect part completeness to step on W/O |      |  |  |  |  |  |  |  |
| QC              |                                               | 0.00 |  |  |  |  |  |  |  |
| Quality Control | Memo                                          |      |  |  |  |  |  |  |  |

*Handwritten signature* (16)

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 74729**

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Item ID: D3384-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Cyclic Sock Assembly

Start Date: 10/5/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 10/14/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

Identify as per dwg & Stock Location: *984*

0.00



Packaging

Memo

0.00

Packaging

*11/10/12 (6)*

130

QC21 - Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*11/10/12**mf 11-10-12*

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
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| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, October 05, 2011 2:33:58 PM

Page 1

Work Order ID: 74729

Parent Item: D3384-043

Parent Item Name: Cyclic Sock Assembly




Start Date: 10/5/2011

Required Date: 10/14/2011

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A new issue DD 10.04.14 verified by:EC

| Component Item ID/<br>Item Name                                                                               | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand  | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------------------------------------------------------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|-----------------|-------------|--------------|---------------|----------------|--------|
| CBL-1240<br><br>Cable        |                        | Purchased     | No          |                     |                  | 100             | f                  | 1,025.851       | 0.875       | 9.210528     |               |                |        |
|                                                                                                               |                        |               |             | <u>Location</u>     |                  | <u>Loc Qty</u>  |                    | <u>Loc Code</u> |             |              |               |                |        |
|                                                                                                               |                        |               |             | GA                  |                  | 500             |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             |                     | 119021           | 500             |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             | ST284               |                  | 525.851431      |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             |                     | 113565           | 6.311789        |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             |                     | 116438           | 219.539642      |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             |                     | 118207           | 300             |                    |                 |             |              |               |                |        |
| CBL-460<br><br>Loop Sleeve   |                        | Purchased     | No          |                     |                  | 100             | Each               | 653.0000        | 2           | 20           |               |                |        |
|                                                                                                               |                        |               |             | <u>Location</u>     |                  | <u>Loc Qty</u>  |                    | <u>Loc Code</u> |             |              |               |                |        |
|                                                                                                               |                        |               |             | GA                  |                  | 200             |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             |                     | 119021           | 200             |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             | ST283               |                  | 13              |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             |                     | 117947           | 13              |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             | ST284               |                  | 440             |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             |                     | 118140           | 440             |                    |                 |             |              |               |                |        |
| D3384-1<br><br>Cyclic Sock |                        | Manufactured  | No          |                     |                  | 100             | Each               | 5.0000          | 1           | 10           |               |                |        |
|                                                                                                               |                        |               |             | <u>Location</u>     |                  | <u>Loc Qty</u>  |                    | <u>Loc Code</u> |             |              |               |                |        |
|                                                                                                               |                        |               |             | ST486               |                  | 5               |                    |                 |             |              |               |                |        |
|                                                                                                               |                        |               |             |                     | 70032            | 5/6             |                    |                 |             |              |               |                |        |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

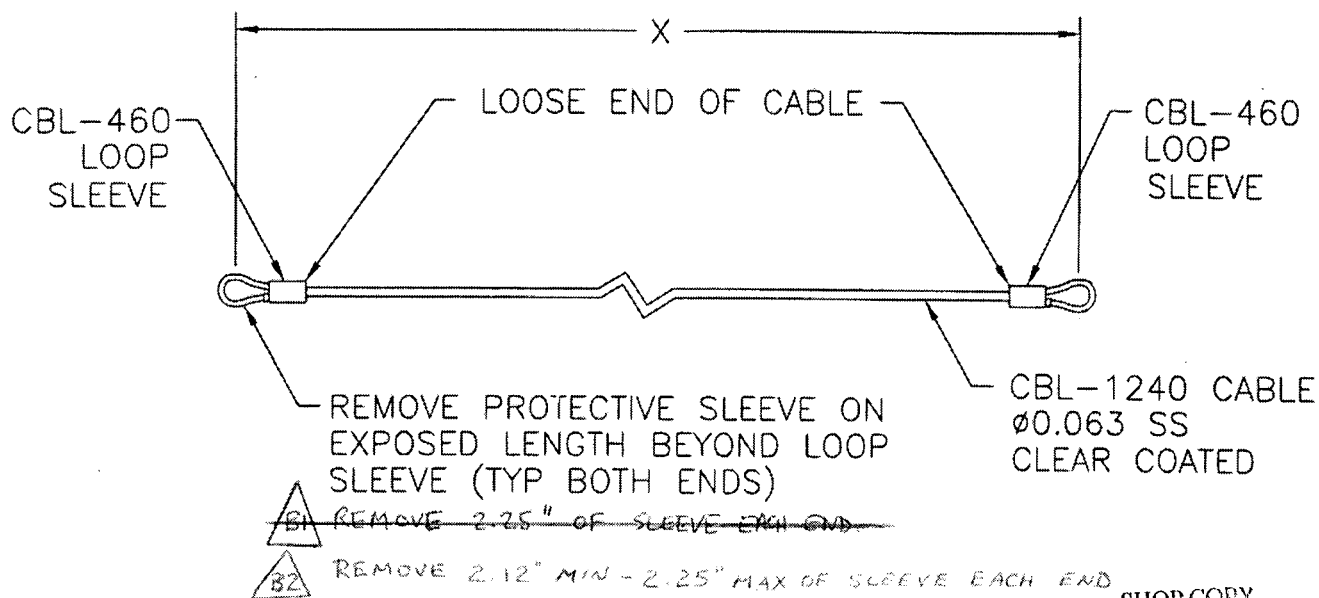
| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



|                      |                        |                                                              |                        |
|----------------------|------------------------|--------------------------------------------------------------|------------------------|
| DESIGN<br><i>ME</i>  | DRAWN BY<br><i>KE</i>  | DART AEROSPACE LTD<br>VICTORIA INTERNATIONAL AIRPORT, CANADA |                        |
| CHECKED<br><i>ME</i> | APPROVED<br><i>BW</i>  | DRAWING NO.<br>D2690                                         | REV. B<br>SHEET 1 OF 1 |
| DATE<br>97.10.02     |                        | TITLE<br>LANYARD ASSEMBLY                                    | SCALE<br>NTS           |
| A                    | 97.07.03               | NEW ISSUE                                                    |                        |
| B                    | 97.10.02               | REVISED NOTE FOR ADDITIONAL LENGTH                           |                        |
| B1                   | <del>CP</del> 01.08.20 | ADD NOTE TO REMOVE 2.25" OF SLEEVE                           |                        |
| B2                   | <del>CP</del> 04.06.24 | ADDED TOLERANCE                                              |                        |

RELEASED  
971003 KE  
TSR 4374



D2690-X

X = LENGTH IN INCHES

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 74729

NOTE: CUT CABLE 2.50\* INCHES LONGER THAN 'X' LENGTH.  
FOLD ENDS TIGHT TO 'X' LENGTH AND CRIMP WITH  
SLEEVE AT END OF LOOSE END OF CABLE WITH  
CBL-705 CRIMPING TOOL.

\*ADDITIONAL LENGTH MAY BE NECESSARY IN  
SOME APPLICATIONS. CUT AS REQUIRED.

NOTE: IN SOME CASES, END HAS TO BE CRIMPED AFTER  
ASSEMBLY WITH ATTACHING PARTS.

DEO's

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

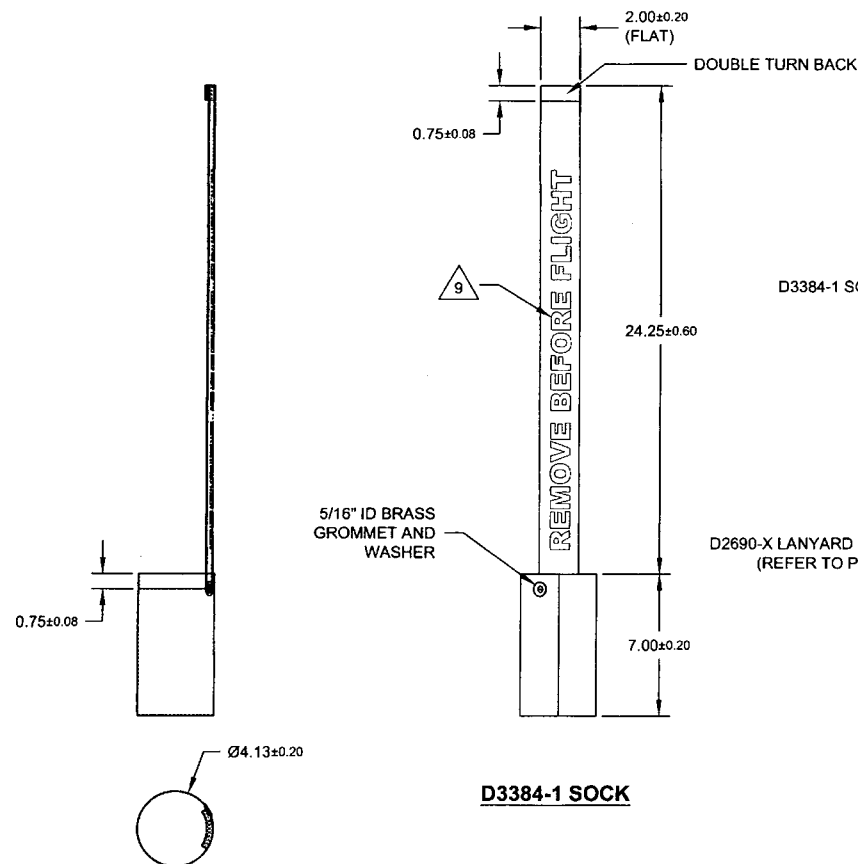
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
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| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries





**D3384-1 SOCK**

D3384-1 SOCK

D2690-X LANYARD ASSEMBLY  
(REFER TO PARTS LIST)

**D3384-0XX SOCK ASSEMBLY**

| QTY<br>-041 | QTY<br>-043 | QTY<br>-045 | QTY<br>-047 | QTY<br>-049 | P/N       | DESCRIPTION      |
|-------------|-------------|-------------|-------------|-------------|-----------|------------------|
| X           |             |             |             |             | D3384-041 | SOCK ASSEMBLY    |
|             | X           |             |             |             | D3384-043 | SOCK ASSEMBLY    |
|             |             | X           |             |             | D3384-045 | SOCK ASSEMBLY    |
|             |             |             | X           |             | D3384-047 | SOCK ASSEMBLY    |
|             |             |             |             | X           | D3384-049 | SOCK ASSEMBLY    |
| 1           |             |             |             |             | D2690-8   | LANYARD ASSEMBLY |
|             | 1           |             |             |             | D2690-20  | LANYARD ASSEMBLY |
| 1           |             |             |             |             | D2690-24  | LANYARD ASSEMBLY |
|             |             |             | 1           |             | D2690-28  | LANYARD ASSEMBLY |
|             |             |             |             | 1           | D2690-30  | LANYARD ASSEMBLY |
| 1           | 1           | 1           | 1           | 1           | D3384-1   | SOCK             |

|            |                                                               |                                                                                                                                                                                                                                                                           |              |
|------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| B          | CHG TOLERANCES<br>DWG UPDATED<br>ADD MATERIAL & SUPPLIER INFO | DC                                                                                                                                                                                                                                                                        | 07.11.23     |
| A          | NEW ISSUE                                                     | RF                                                                                                                                                                                                                                                                        | 05.01.20     |
| REV.       | DESCRIPTION                                                   | BY                                                                                                                                                                                                                                                                        | DATE         |
| DESIGN     | <i>TH</i>                                                     | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                  |              |
| DRAWN      | <i>SC</i>                                                     |                                                                                                                                                                                                                                                                           |              |
| CHECKED    | <i>IC</i>                                                     | DRAWING NO.                                                                                                                                                                                                                                                               | REV. B       |
| MFG. APPR. | <i>IS</i>                                                     | D3384                                                                                                                                                                                                                                                                     | SHEET 1 OF 1 |
| APPROVED   | <i>MD</i>                                                     | TITLE                                                                                                                                                                                                                                                                     | SCALE        |
| DE APPR.   | <i>NB 4P</i>                                                  | SOCK ASSEMBLY                                                                                                                                                                                                                                                             | NTS          |
| DATE       | 07.11.23                                                      | COPYRIGHT © 2005 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br>NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT THE<br>WRITTEN PERMISSION FROM DART AEROSPACE LTD |              |

**D3384-1 NOTES:**

- 1) SUPPLIER: TULMAR P/N 8972  
MATERIAL: 420 DENIER NYLON CLOTH, PVC COATED, COLOUR RED
- 2) THREAD: STITCHING IAW D-6193 6 TO 10 STITCHES PER INCH USING V-T-295 RED NYLON THREAD, TY2, CL A, SIZE E
- 3) FINISH: NONE
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: NONE
- 8) WEIGHT: N/A
- 9) STENCIL THE FOLLOWING: "REMOVE BEFORE FLIGHT" ON BOTH SIDES OF STRIP WITH 1" LETTERS USING INK,  
WHITE, IAW A-A-208

RELEASED  
07.11.23

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
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|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries